

REMARKS/ARGUMENTS

Favorable reconsideration of this application, as presently amended and in light of the following discussion, is respectfully requested.

After entry of the foregoing amendments, Claims 12-16 are pending in the present application. Claim 12 is amended by the present amendment. No new matter is added.

In the outstanding Office Action, Claims 12-14 were rejected under 35 U.S.C. 103(a) as unpatentable over U.S. Patent No. 6,181,938 to Salmela et al. (hereinafter “Salmela”) in view of U.S. Patent No. 6,073,035 to Witter; and Claims 15 and 16 were rejected under 35 U.S.C. 103(a) as unpatentable over Salmela and Witter in view of U.S. Patent No. 6,421,539 to Jeong.

Turning now to the rejection of Claims 12-14 under 35 U.S.C. 103(a) as unpatentable over Salmela in view of Witter, that rejection is respectfully traversed.

Amended independent Claim 12 is directed to a mobile station including, *inter alia*, “a controller configured to disable the receiver and to disable transmission of the location registration request signal to the base station for a first time period when the receiver does not receive the acknowledge signal within a second time period of the transmission of the location registration request signal and configured to enable the receiver and to enable transmission of the location registration request signal to the base station when the first time period elapses.” Claims 13-16 depend from Claim 12.

Applicants’ disclosure describes a non-limiting example of the above-noted feature with reference to Figure 2. In the example, a location registration request signal is transmitted by a mobile station to a base station (step S118). An acknowledge signal is transmitted by the base station when the location registration request signal is received by the base station. Accordingly, the mobile station waits for the acknowledge signal from the base station (step S120). If the acknowledge signal is not received within a predetermined period

of time, the power supply to the receiving section of the mobile station is suspended (steps S120 and S122) for a prescribed duration. Thereafter, the power supply is restored to the receiving section and another location registration request signal is transmitted (step S125).¹ Thus, in order to conserve power, the mobile station suspends power to the receiving section and disables transmission of the location registration request signal. As stated by Applicants' disclosure:

As described above, the mobile station according to the present invention turns off the power supply to the receiving section or prohibits the action of the receiving section for a predetermined period of time when the acknowledge signal is not received within a predetermined period after the location registration request signal is transmitted. Thus, it is enabled to save the power by eliminating the situation of the prior art in which the mobile station continues to transmit the location registration request signals [while] waiting for the acknowledge signal when the acknowledge signal is not received.²

In response to Applicants' prior Amendment filed October 12, 2004, the "Response to Arguments" section of the outstanding Office Action states, "Regarding Claim 12, the applicant stated that the applicants' invention reduces the power consumption of a transmitter in addition to a receiver. The examiner states that even though the preceding limitation could be allowable, it is found nowhere in independent claim 12."³ As noted above, Claim 12 now recites "a controller configured to disable the receiver and to disable transmission of the location registration signal to the base station for a first time period when the receiver does not receive the acknowledge signal within a second time period of the transmission of the location registration request signal and configured to enable the receiver and to enable transmission of the location registration request signal to the base station when the first time period elapses." Applicants respectfully submit that the above limitation distinguishes over

¹ See Applicants' specification, page 10, line 14 – page 11, line 23.

² See Applicants' specification, page 15, line 23 – page 16, line 1.

³ Office Action, 1/13/2005, page 2.

the applied references for the reasons stated in Applicants' prior Amendment filed October 12, 2004.

Accordingly, in view of the above, Applicants respectfully request that the rejection of Claims 12-14 under 35 U.S.C. 103(a) as unpatentable over Salmela in view of Witter be withdrawn.

Regarding the rejection of Claims 15 and 16 under 35 U.S.C. 103(a) as unpatentable over Salmela and Witter in view of Jeong, Applicants again submit that the above-noted limitation distinguishes over the applied references for the reasons stated in Applicants' prior Amendment filed October 12, 2004.

Consequently, in light of the above discussion and in view of the present amendment, the present application is believed to be in condition for allowance. An early and favorable action to that effect is respectfully requested.

Respectfully submitted,

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